

## GardaMatt Card Duo

## TECHNICAL DATA SHEET

### Description:

GardaMatt Card Duo has been specially designed for creative uses of graphic and luxury packaging.

- Solid Bleached Sulphate (SBS) paperboard, certified FSC® C011032, PEFC available from production
- Two-side coated paperboard with a silk finish
- Excellent printability and brilliant color reproduction
- Exceptional cracking resistance
- Perfect folding characteristics
- Outstanding finishing and converting properties
- Good caliper and stiffness
- Consistent smoothness and whiteness

### End uses:

Books, Brochures, Covers, Direct mail, Folders, Folding materials, Inserts, Magazines, Packaging, Postcards, Tags

### Print methods:

Digital, Flexo, HP Indigo, Offset

### Certificates:

- [FSC Chain of Custody \(multisite\)](#)
- [PEFC Chain of Custody \(multisite\)](#)
- [ISO 14001 Environment](#)
- [ISO 50001 Energy Efficiency](#)
- [ISO 9001 Quality](#)
- [ISO 45001 Health and Safety](#)

### Technical specifications

Property	Test Method	Unit	Tolerance	250	280	300	330	350	380
Substance	ISO 536 TAPPI T410	g/m <sup>2</sup>	±5%	250	280	300	330	350	380
Thickness	ISO 534 TAPPI T411	µm	±5%	272	311	338	378	405	440
Brightness R457/D65	ISO 2470-2 TAPPI T452	%	±2	102	102	102	102	102	102
Whiteness D65/10°	ISO 11475 TAPPI T562	CIE	±3	132	132	132	132	132	132
Paper gloss	ISO 8254-1 TAPPI T480	%	±5	30	30	30	30	30	30
Taber stiffness MD	ISO 2493 TAPPI T556	mN	-25%	114	132	203	284	345	406
Taber stiffness CD	ISO 2493 TAPPI T556	mN	-25%	71	77	122	162	183	213
Parker roughness	ISO 8791-4 TAPPI T555	µm	≤2.5	2	2	2	2	2	2
Relative humidity	TAPPI T502	%	±7	50	50	50	50	50	50

### Storage recommendations

Paper dimensions are very sensible to humidity variations that is why we supply paper in waterproof packaging. Once the packaging is opened, a moisture exchange can take place between the paper and the environment.<br>

Ideally, the paper should be stocked in pressrooms conditioned to 50% ( $\pm 5$ ) relative humidity and 23°C ( $\pm 2$ ) temperature. In any case, extremes of temperature and humidity must be avoided.

For food contact applications, the product properties, according to the specifications, are guaranteed for 12 months after the production date.

Before starting a production run, check that the printability is correct on both sides of 30-50 sheets.

Values are subject to change without notice.

Last update: 06/07/2021